

MG 550°C 300V UL 5390

High Temperature Lead Wire, Temp Rating 550°C

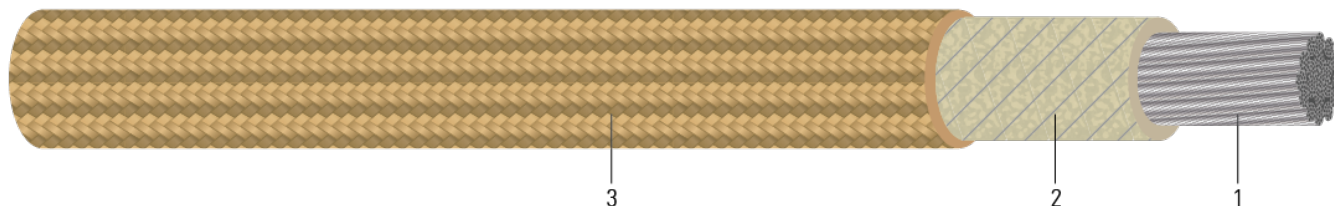


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** flexible stranded 27% nickel plated, annealed copper
2. **Insulation:** Mica fiberglass composite
3. **Jacket:** A fiberglass braid jacket is applied over the insulation, then treated with a high-temperature saturant. Natural color is tan.

APPLICATIONS AND FEATURES:

Internal wiring. Approved for use up to 550°C. Excellent thermal and flame resistance, good chemical resistance, and produces minimal smoke when exposed to flames. Colors available upon request.

SPECIFICATIONS:

- UL AWM Appliance wire approvals as listed in Table 1
- CSA AWM I A/B FT1
- RoHS-3 Complies with European Directive 2015/863



Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Strands	Insul. Thickness	Braid	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	strand	mil	mil	inch	lb/1000ft	°C	Style/Type
C2243C	24	7/.008	27	7	0.081	6	550	5390
C2223C	22	7/.0100	27	7	0.088	7	550	5390
C2203C	20	10/.0100	27	7	0.092	8	550	5390
C2183C	18	16/.0100	27	7	0.105	12	550	5390
C2163C	16	26/.0100	27	7	0.120	16	550	5390
C2143C	14	41/.0100	27	7	0.130	22	550	5390
C2123C	12	65/.0100	27	7	0.150	31	550	5390
C2103C	10	105/.0100	35	7	0.210	52	550	5390
C2083C	8	133/.0111	35	12	0.260	78	550	5390
C2063C	6	133/.0142	35	12	0.300	116	550	5390
C2043C	4	133/.0177	35	12	0.350	175	550	5390

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

Dimensions and weights for other cable configurations are available upon request.

Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Strands	Insul. Thickness	Braid	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	strand	mm	mm	mm	kg/km	°C	Style/Type
C2243C	24	7/.008	0.69	0.18	2.06	9	550	5390
C2223C	22	7/.0100	0.69	0.18	2.24	10	550	5390
C2203C	20	10/.0100	0.69	0.18	2.34	12	550	5390
C2183C	18	16/.0100	0.69	0.18	2.67	18	550	5390
C2163C	16	26/.0100	0.69	0.18	3.05	24	550	5390
C2143C	14	41/.0100	0.69	0.18	3.30	33	550	5390
C2123C	12	65/.0100	0.69	0.18	3.81	46	550	5390
C2103C	10	105/.0100	0.89	0.18	5.33	77	550	5390
C2083C	8	133/.0111	0.89	0.30	6.60	116	550	5390
C2063C	6	133/.0142	0.89	0.30	7.62	173	550	5390
C2043C	4	133/.0177	0.89	0.30	8.89	260	550	5390

